

FIG. 1A

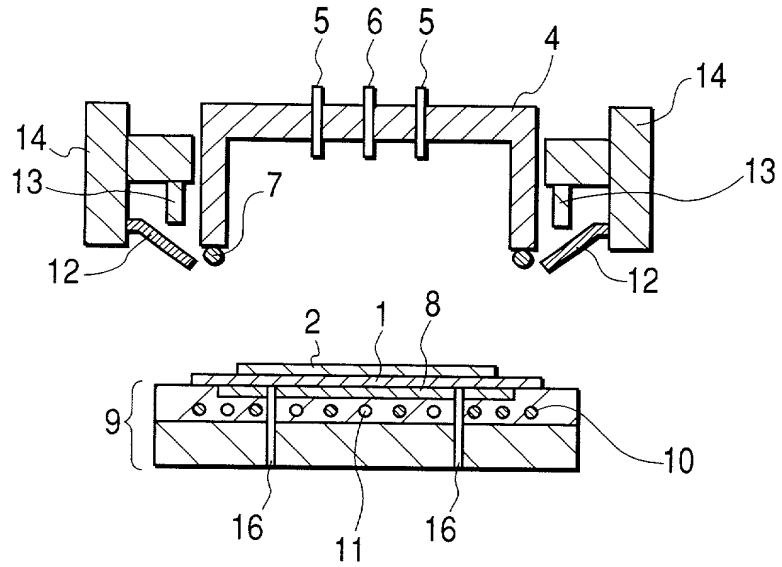


FIG. 1B

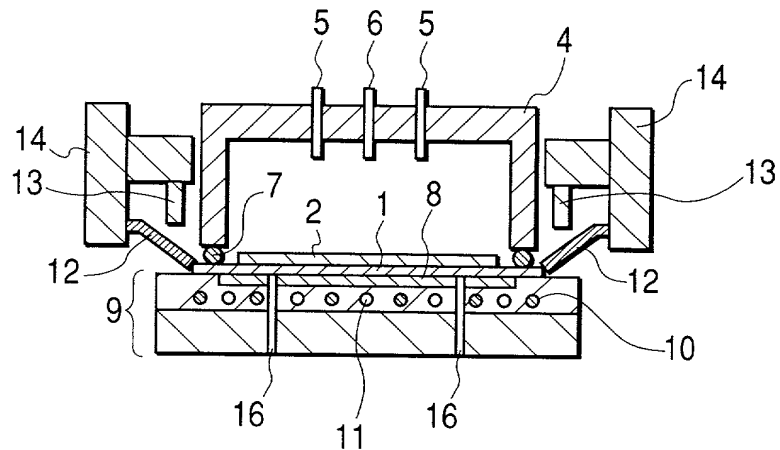


FIG. 1C {

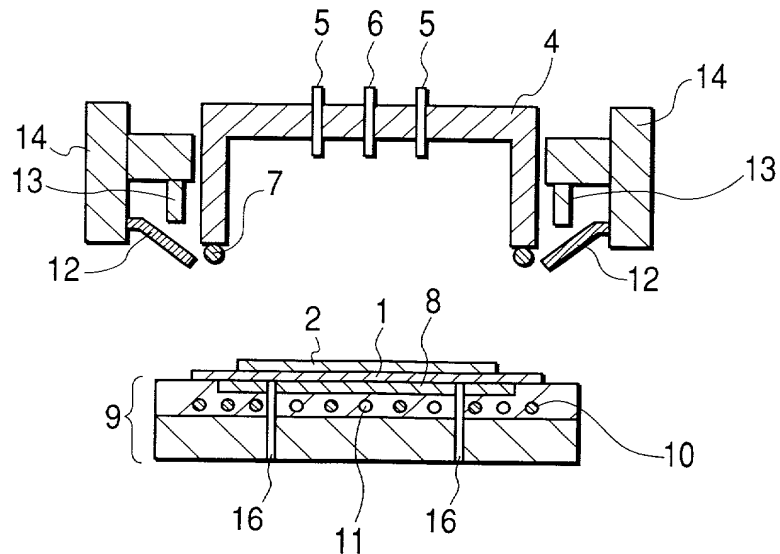


FIG. 2

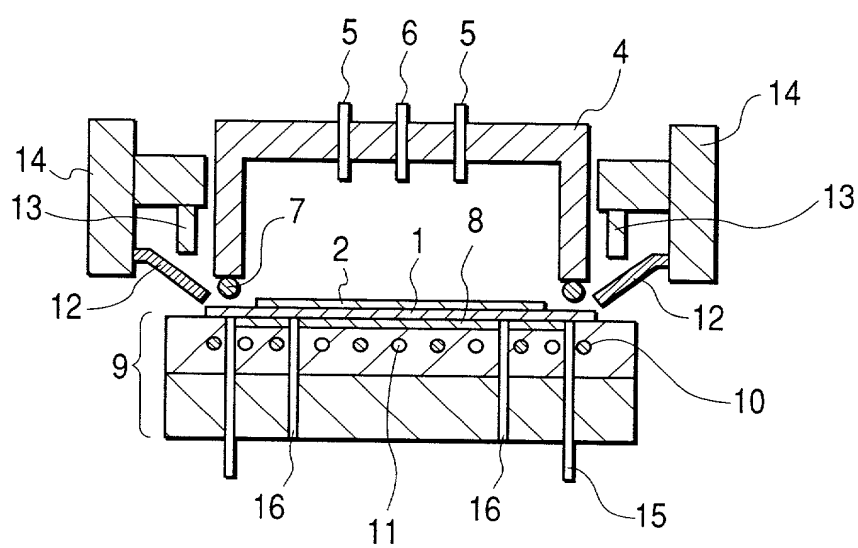


FIG. 3

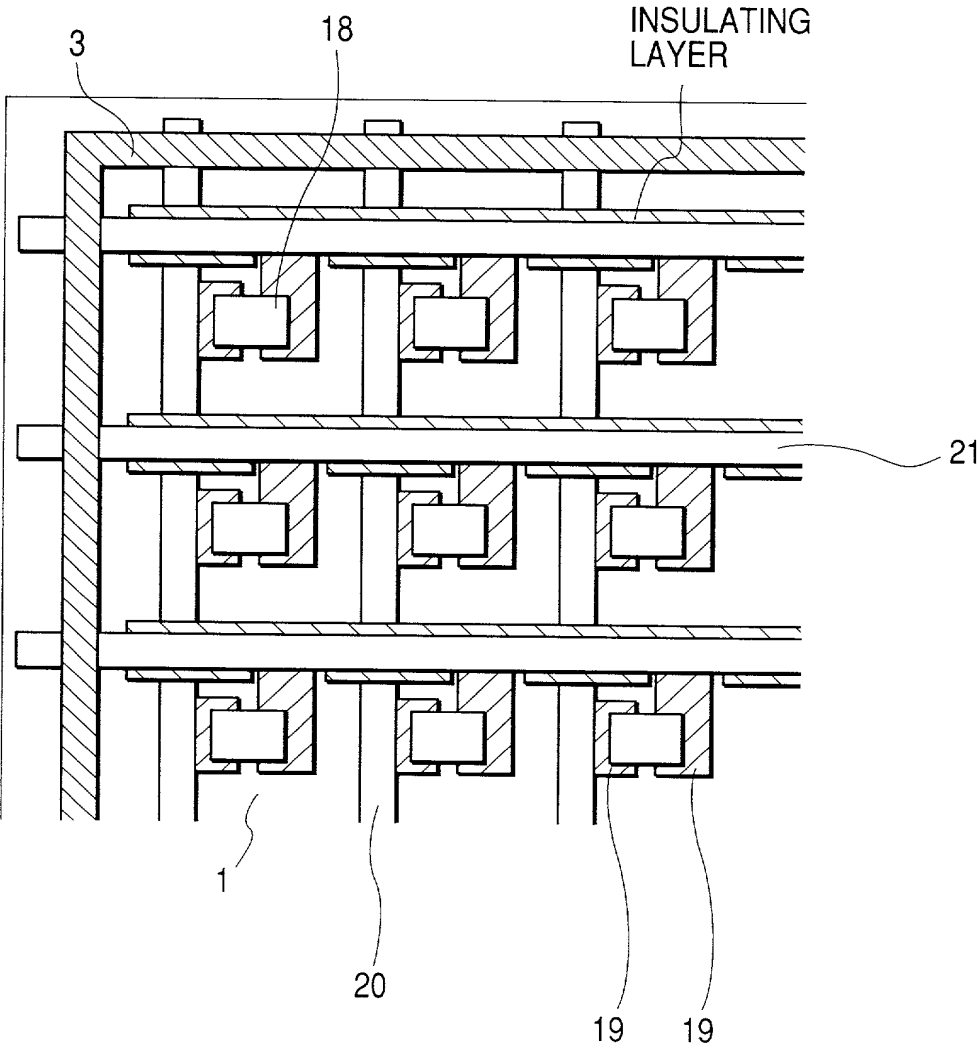


FIG. 4

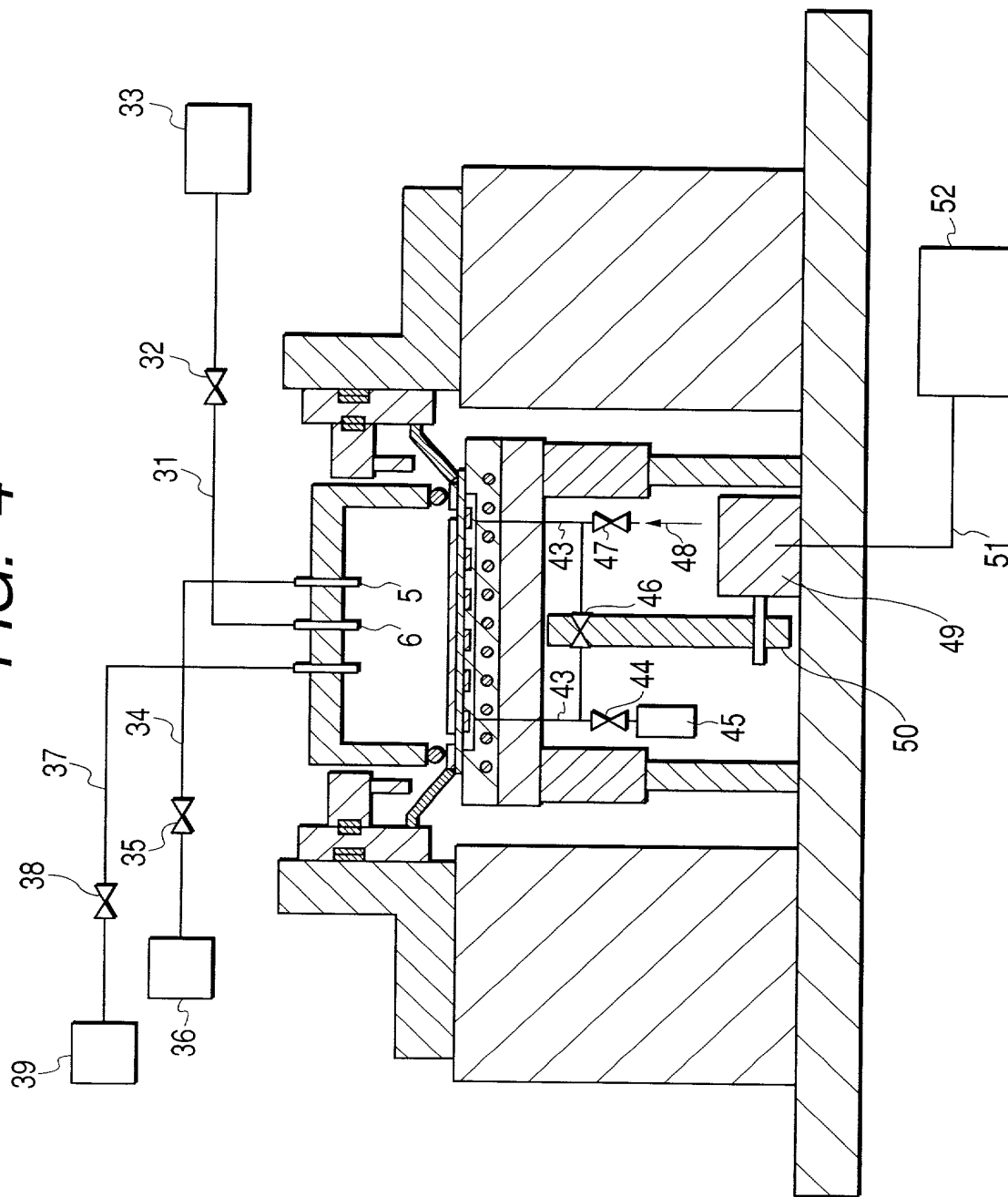


FIG. 5

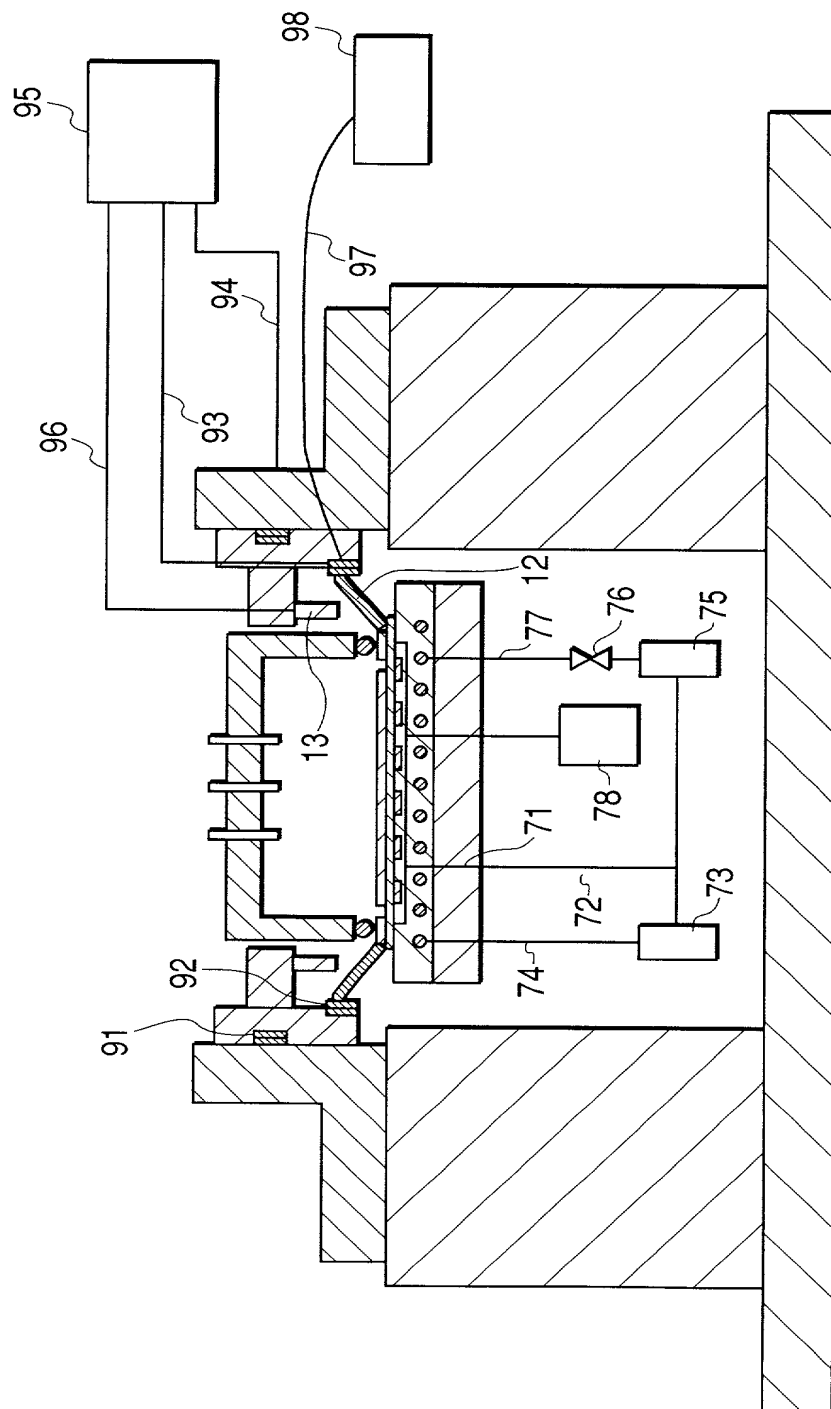


FIG. 6

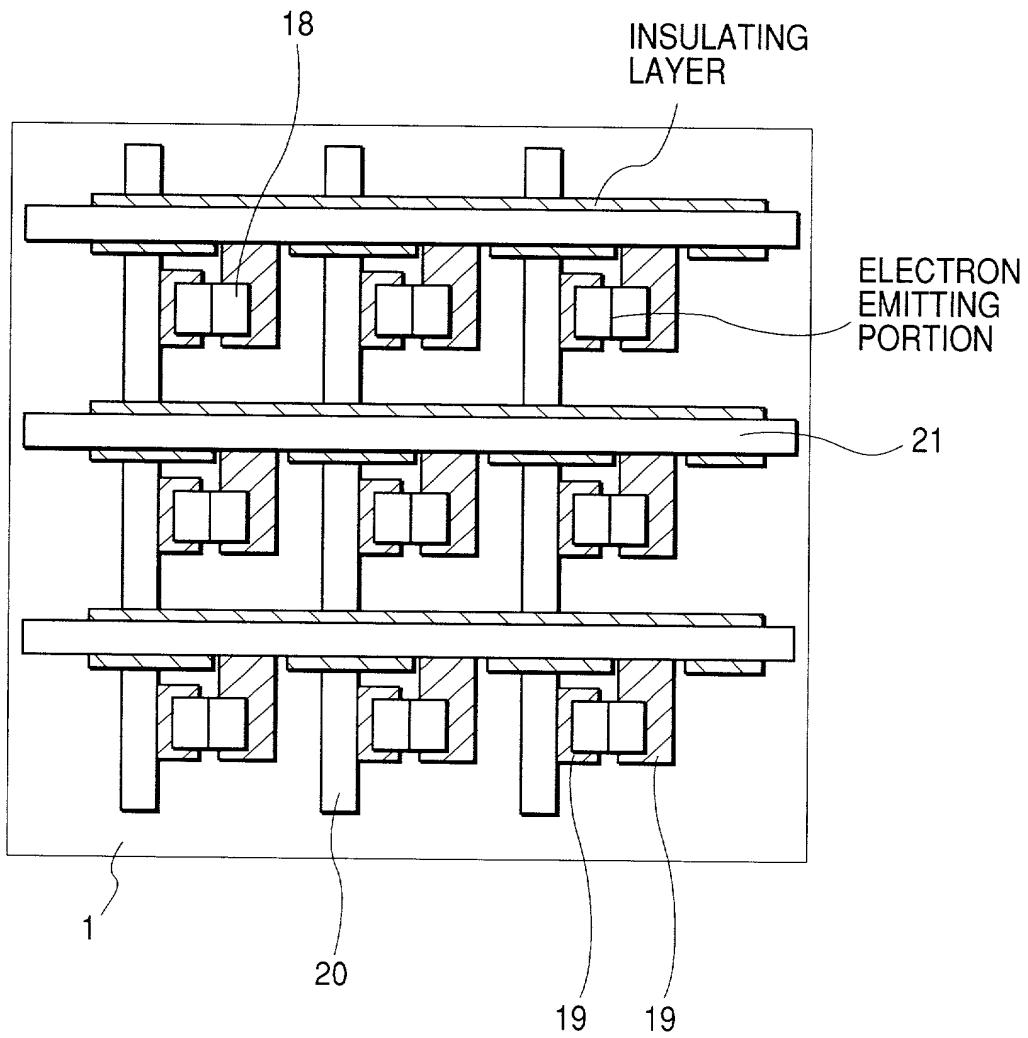


FIG. 7

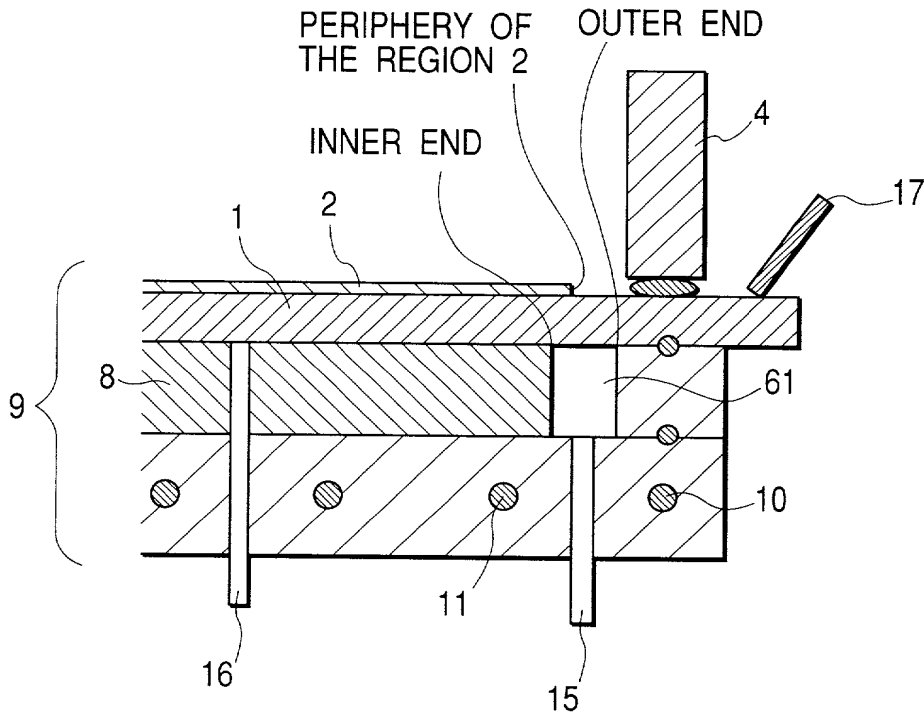


FIG. 8

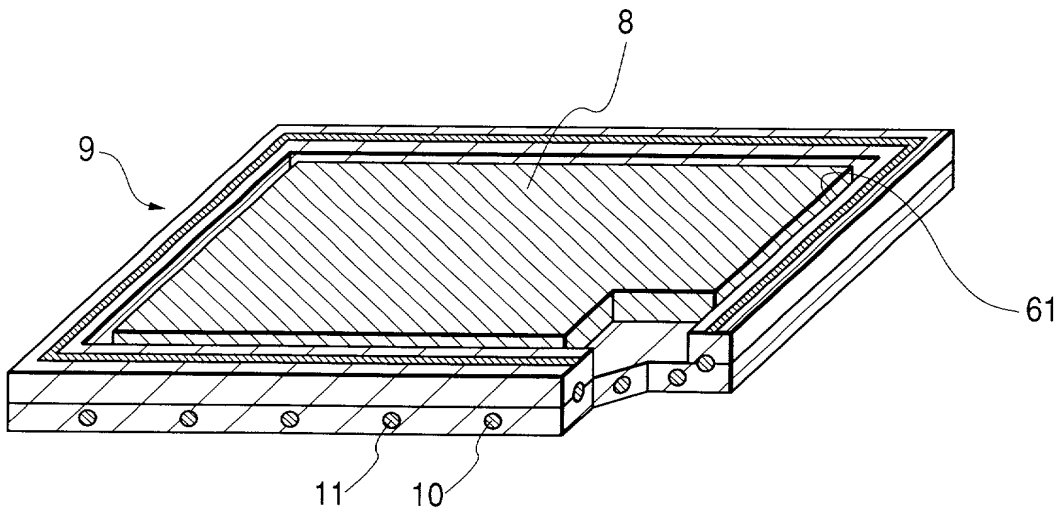


FIG. 9

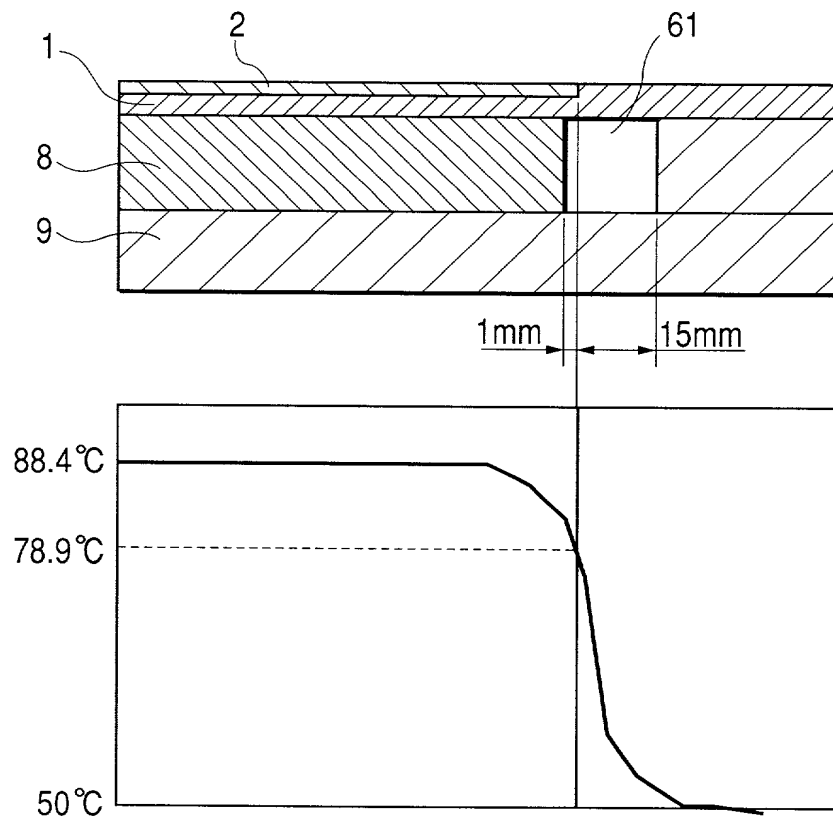


FIG. 10

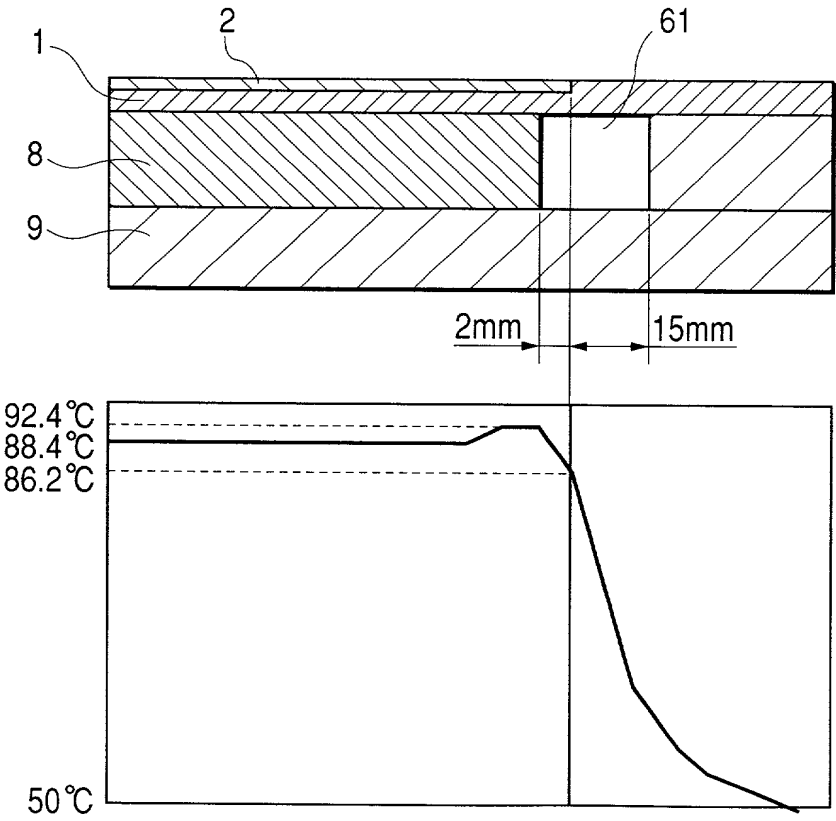


FIG. 11

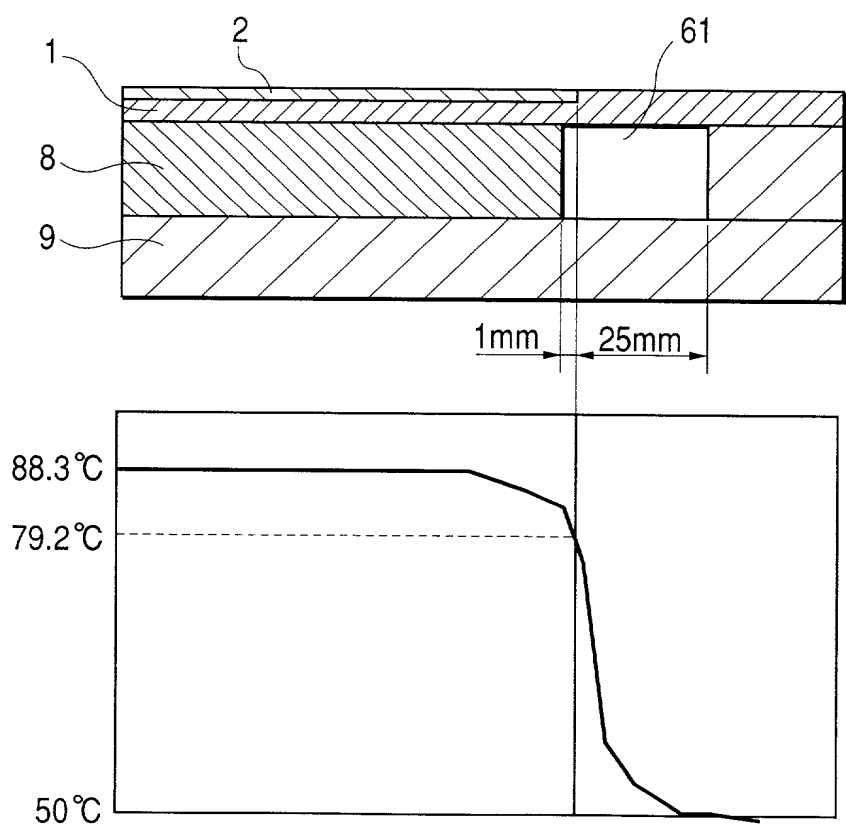


FIG. 12

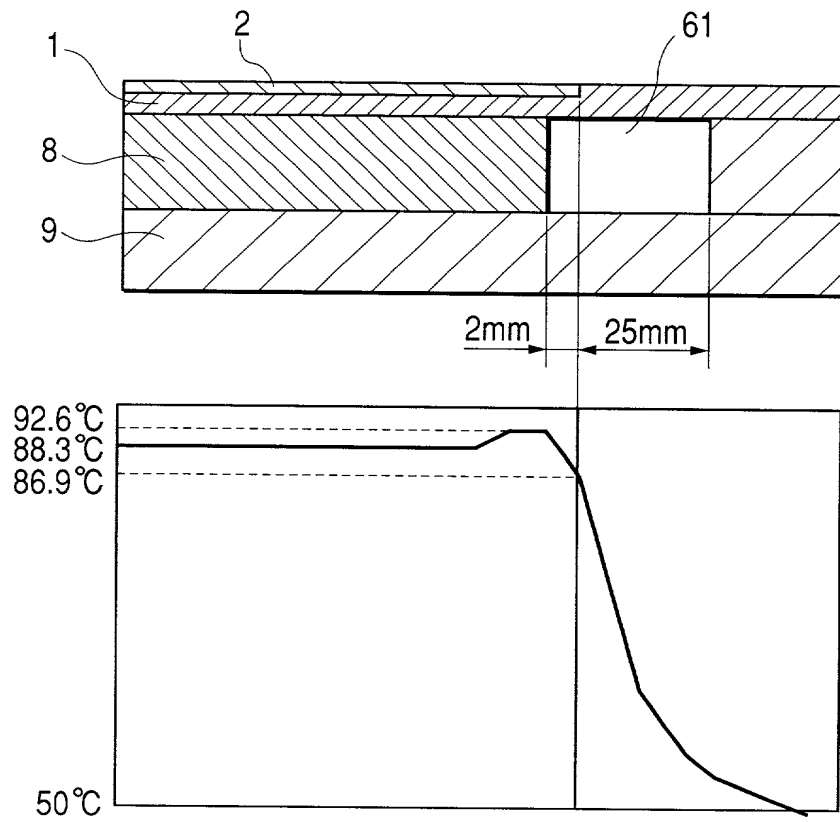


FIG. 13

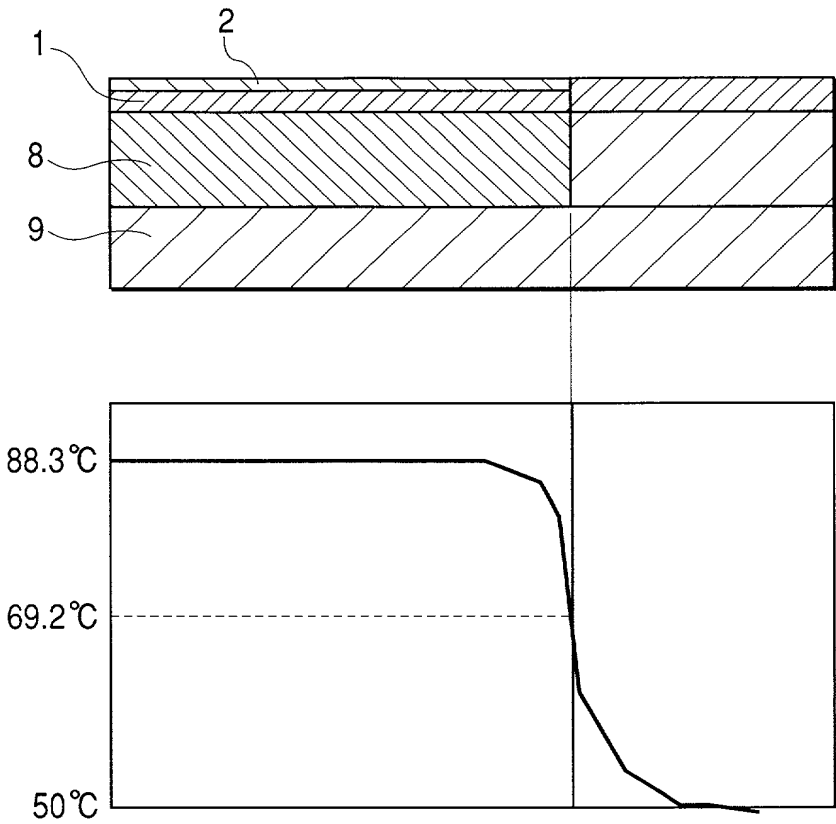


FIG. 14

| GAP SIZE | TEMPERATURE DISTRIBUTION |
|---------------------------------|--------------------------|
| INNER SIDE 1mm, OUTER SIDE 15mm | 9.5°C |
| INNER SIDE 2mm, OUTER SIDE 15mm | 6.2°C |
| INNER SIDE 1mm, OUTER SIDE 25mm | 9.1°C |
| INNER SIDE 2mm, OUTER SIDE 25mm | 5.7°C |
| NO GAP | 19.1°C |